

# Configuration Management Plan

## Database Subsystem

### For Remote Authentication

### Using Facial Recognition

Revision History:

Date	Author	Description
2016-04-10	Wang Feng	Draft for CMP
2016-04-10	Yu Qianshan	Enhance the format

## 1. Scope

This standard is applied in team Empire (Jilin University)

## 2. Naming rule

Name\_date: Name is the original name of the file, date is the last time you modified this file.

## 3. Configuration directory structure table

1st level name	2nd level name	3rd level Name	4th level name	Description
Database				Root directory
	src			Store some source code files
	data			Store data
	doc			Store document

## 4. Roles & Responsibility

- (1) Project Manager (PM) : Decide who is the Configuration File Administrator(CFA).
- (2) Configuration File Administrator(CFA) :
  - Only CFA has the permission to access/delete/modify all files.
  - Only CFA could award the permission to access/delete/modify some files in one directory to other role.
- (3) Directory Owner(DO) :
  - Only DO is able to delete/add/modify a file in directory he/she owns, but he/she needs to inform CFA while doing so.
- (4) Configuration File Reader(CFR) :
  - CFA has the permission to read the configuration file.
  - DO must be the CFA of his own directory.
  - CFA could modify the configuration file if he/she gets the permission from DO.
- (5) None-privilege User(NPU) :
  - NPU could get the permission from CFA by email if CFA agrees to award the permission.

## 5. Add/Delete/Modify directory

- (1) Modifying directory means changing name of the directory.
- (2) While adding/deleting/modifying a directory, DO needs sending an email to CFA and accepting agreement from CFA.
- (3) Once DO has changed a directory, CFA or DO must update configuration directory structure table. Meanwhile, DO needs to update modification record.

## **6. Release configuration file**

- (1) If you (user) want to release a configuration file, please email the owner of the directory and getting permission from him/her.
- (2) If DO want to release a configuration file, he/she needs to email CFA and update configuration directory structure table, but no need to update modification record.
- (3) If CFA want to release a configuration file, he/she does not need to inform owner of that directory.

## **7. Conservation of configuration file**

Configuration file will be uploaded and managed to github.com

## **8. Back-up**

PM is responsible for backup.

## **9. Others**

PM E-mail: chansonyhu@gmail.com

CFA E-mail: wffatescript@gmail.com